REMARKS/ARGUMENTS

This letter together with the accompanying Request for Continued Examination is responsive to the Final Action of March 2, 2005 and the Advisory Action of May 12, 2005.

Claims 1, 3-10 and 12-25 remain in this application. Claims 1 and 19 have been amended.

Claims 1 and 19 have been amended to recite that the composite has a Young Modulus at least about 20% greater than the Young Modulus of a corresponding composite without the basic reactive filler. This is an inherent property of the composites of the present invention as evidenced by the attached Declaration of Minh-Tan Ton-That.

The Examiner has rejected claims 1-17 and 19-25 under 35 USC 103(a) as being unpatentable over Got et al (US 6,066,278) in view of Kishimura et al (US 4,755,553). The Examiner has rejected claim 18 under 35 USC 103(a) as being unpatentable over Got et al (US 6,066,278) in view of Kishimura et al (US 4,755,553) further in view of Coran et al (US 4,323,625) and Felegi Jr. et al (US 5,134,179). In view of the amended claims, Applicant submits that the rejections are moot.

Applicant submits that amended claims 1 and 19 and their dependent claims are patentable over Got et al. in view of the other cited references. Got et al. does not disclose a composition in which the Young Modulus is at least 20% greater than the Young Modulus of a corresponding composition without the basic reactive filler.

With reference to the attached Declaration, Applicant's compositions having high levels of basic reactive filler (e.g. CaO) demonstrate superior mechanical properties, in particular an unexpectedly superior Young Modulus, than compositions described in Got et al., despite the Got et al. admonishment against high levels of CaO. As described in the Declaration, a composition representative of Got et al. demonstrates only a 4.3% increase in Young Modulus over a control composition having no CaO. In contrast, compositions of the present invention having CaO levels of 8 wt% or higher demonstrate an increase in Young Modulus of at least about 20% over the control composition. From the graph in the Declaration, it is evident that there is a dramatic increase in Young Modulus between 3 wt% CaO and 8 wt% CaO, which is completely unexpected in light of Got et al. who suggest that mechanical properties are adversely affected by increased amounts of CaO.

Applicant submits that the currently claimed invention is novel and inventive over the cited references.

In view of the above amendment and remarks, reconsideration on all claims is respectfully requested. In the event any matters remain to be resolved in view of this communication, the Examiner is encouraged to call the undersigned so that a prompt disposition of this application can be achieved. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

ANISSIMOFF & ASSOCIATES

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Attachments